

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Canceled)
2. (Currently amended) An electronic equipment mounting angle varying apparatus, comprising:
 - a base member mounted at a place where electronic equipment is installed;
 - a mounting member on which the electronic equipment is mounted, and which is supported by the base member so as to freely swing about a horizontal base support shaft axis; and
 - an arm member supported by the mounting member so as to freely swing about a mounting member support shaft axis extending horizontally, which sets a mounting angle of the electronic equipment by being latched by the base member, whereby the electronic equipment is mounted at a prescribed angle;
 - wherein the base member holds the electronic equipment at [[a]] the prescribed mounting angle by latching the arm member, and comprises an arm latched portion constituted by a plurality of holes formed along a direction perpendicular to the horizontal base support shaft axis; and
 - wherein the arm member has an arm latching portion comprising a positioning latching portion that is fit into the arm latched portion and determines a position relative to the base member, and an elastic latching portion that has a convex portion at a leading end thereof and is flexibly deformed so that the convex portion is fit inside the

arm latched portion and engages therewith, the arm latching portion being latched by the engagement of the convex portion in the arm latched portion.

3. (Currently amended) The electronic equipment mounting angle varying apparatus according to claim 2, wherein the base member comprises a latching guide surface portion against which the arm member abuts in a manner such that an angle subtended with an inner surface of the arm member is acute[[,]]; and

wherein, by pressing the electronic equipment downward, the arm latching portion of the arm member is guided so as to be fitted into and latched by the arm latched portion of the base member, and the arm member is guided to a horizontal attitude.

4. (Currently amended) An electronic equipment mounting angle varying apparatus, comprising:

a base member mounted at a place where electronic equipment is installed;
a mounting member on which the electronic equipment is mounted, and which is supported by the base member so as to freely swing about a horizontal base support shaft axis; and

an arm member supported by the mounting member so as to freely swing about a mounting member support shaft axis extending horizontally, which sets a mounting angle of the electronic equipment by being latched by the base member, whereby the electronic equipment is mounted at a prescribed angle;

wherein the base member holds the electronic equipment at [[a]] the prescribed mounting angle by latching the arm member, and comprises an arm latched portion

constituted by a plurality of holes formed along a direction perpendicular to the horizontal base support shaft axis;

wherein the arm member has an arm latching portion comprising a positioning latching portion that is fit into the arm latched portion and determines a position relative to the base member, and an elastic latching portion that has a convex portion at a leading end thereof and is flexibly deformed so that the convex portion is fit inside the arm latched portion and engages therewith, the arm latching portion being latched by the engagement of the convex portion in the arm latched portion;

wherein the arm member comprises an arm guide portion for releasing latching of the arm latching portion[[,]]; and

wherein the equipment angle varying apparatus further comprises an operating member having an operating guide portion which, by being moved from a normal position to an operating position, causes the arm guide portion of the arm member to move for releasing latching between the arm latching portion and the arm latched portion, the operating member being energized so as to return from the operating position to the normal position by a return means.

5. (Currently amended) An electronic equipment mounting angle varying apparatus, comprising:

a base member mounted at a place where electronic equipment is installed;
a mounting member on which the electronic equipment is mounted, and which is supported by the base member so as to freely swing about a horizontal base support shaft axis; [[and]]

an arm member supported by the mounting member so as to freely swing about a mounting member support shaft axis extending horizontally, which sets a mounting angle of the electronic equipment by being latched by the base member, whereby the electronic equipment is mounted at a prescribed angle; and

a shaft bearing structure between the base member and the mounting member, which comprises a base support shaft portion and a base support shaft bearing portion provided to one or another of the base member and the mounting member, respectively; wherein the base support shaft portion comprises:

a main shaft portion, centered on the horizontal base support shaft axis, having a first cylindrical surface extending along the horizontal base support shaft axis; and

a fitting shaft portion, deployed concentrically with the main shaft portion, having a second cylindrical surface, one part of which is cut out with a first fitting surface[[,]]; and

wherein the base support shaft bearing portion comprises:

a first shaft bearing portion that has a first circular arc shaped cross section and receives the first cylindrical surface of the main shaft portion slidably; [[and]]

a fitting shaft bearing portion comprising a second shaft bearing portion which has a second circular arc shaped cross section provided concentrically with the first shaft bearing portion, which receives the second cylindrical surface of the fitting shaft portion slidably, and which supports the base support shaft portion together with the first shaft bearing portion rotatably; and

a first attachment hole formed through the second shaft bearing portion, and including a second fitting surface into which, from a relative position that cannot be assumed when the angle varying apparatus is in use, the base support shaft portion is fit into the base support shaft bearing portion, along [[a]] the first fitting surface of the fitting shaft portion in the base support shaft portion.

6. (Currently amended) The electronic equipment mounting angle varying apparatus according to claim 5, wherein the base support shaft portion is provided with the fitting shaft portion at both ends of the main shaft portion, respectively[[,]]; and wherein the base support shaft bearing portion is provided with the fitting shaft bearing portion at both ends of the first shaft bearing portion, respectively.

7. (Currently amended) The electronic equipment mounting angle varying apparatus according to claim 5, wherein the first shaft bearing portion in the base support shaft bearing portion has a first die extraction space oriented in one of upper and lower die extraction directions outside of the first cylindrical surface; wherein the fitting shaft bearing portion in the base support shaft bearing portion has a second die extraction space, oriented in the other ~~of the~~ directions of the upper and lower die extraction directions, outside of the second shaft bearing portion; and wherein the first attachment hole is passed through in line with the upper and lower die extraction directions.

8. (Currently amended) The electronic equipment mounting angle varying apparatus, according any one of claims 5 through 7, further comprising: a second shaft

bearing structure between the mounting member and the arm member, further comprising a mounting support shaft portion and a mounting support shaft bearing portion provided to one or another of the mounting member and the arm member, respectively;

wherein the mounting support shaft portion comprises:

a mounting main shaft portion centered on the mounting member support shaft axis, having a third cylindrical surface extending along the mounting member support shaft axis; and

a mounting fitting shaft portion deployed concentrically with the mounting main shaft portion, having a fourth cylindrical surface, one part of which is cut out with a third fitting surface; and

wherein the mounting support shaft bearing portion comprises:

a third shaft bearing portion that has a third circular arc shaped cross section and receives the third cylindrical surface of the mounting main shaft portion slidably;

a fourth shaft bearing portion which has a fourth circular arc shaped cross section provided concentrically with the third shaft bearing portion, which receives the fourth cylindrical surface of the mounting fitting shaft portion slidably, and supports the mounting support shaft portion together with the third shaft bearing portion rotatably; and

a second attachment hole, formed through the fourth shaft bearing portion, having a fourth fitting surface into which, from a relative position that cannot be assumed when the angle varying apparatus is in use, the mounting support shaft

portion is fit into the mounting support shaft bearing portion, along [[a]] the third fitting surface of the mounting fitting shaft portion in the mounting support shaft portion.

9. (Currently amended) The electronic equipment mounting angle varying apparatus according to claim 8, wherein the mounting support shaft portion is provided with the mounting fitting shaft portion at both ends of the mounting main shaft portion, respectively; and

wherein the mounting support shaft bearing portion is provided with the mounting fitting shaft bearing portion at both ends of the third shaft bearing portion, respectively.

10. (Currently amended) The electronic equipment mounting angle varying apparatus according to claim 8, wherein the third shaft bearing portion in the mounting support shaft bearing portion has a third die extraction space, oriented in one of the directions of upper and lower die extraction, outside of the third cylindrical surface; [[and]]

wherein the mounting fitting shaft bearing portion in the mounting support shaft bearing has a fourth die extraction space, oriented in the other of the directions of the upper and lower die extraction, outside of the shaft bearing surface of the fourth shaft bearing portion[[,]]; and

wherein the second attachment hole is formed through in line with the upper and lower die extraction directions.

11. (Currently amended) An electronic equipment mounting angle varying apparatus, comprising:

a base member mounted at a place where electronic equipment is installed;

a mounting member on which the electronic equipment is mounted, and which is supported by the base member so as to freely swing about a horizontal base support shaft axis; and

an arm member supported by the mounting member so as to freely swing about a mounting member support shaft axis extending horizontally, which sets a mounting angle of the electronic equipment by being latched by the base member, whereby the electronic equipment is mounted at a prescribed angle;

wherein the base member further comprises a falling-out prevention portion for preventing the arm member from coming out; and

wherein the arm member further comprises an arm pulling-out prevention portion which engages the falling-out prevention portion of the base member.

12-17. (Canceled)

18. (Currently amended) An electronic equipment mounting angle varying apparatus, comprising:

a base member mounted at a place where electronic equipment is installed;

a mounting member on which the electronic equipment is mounted, and which is supported by the base member so as to freely swing about a horizontal base support shaft axis; and

an arm member supported by the mounting member so as to freely swing about a mounting member support shaft axis extending horizontally, which sets a mounting angle of the electronic equipment by being latched by the base member, whereby the electronic equipment is mounted at a prescribed angle;

wherein the base member holds the electronic equipment at [[a]] the prescribed mounting angle by latching the arm member, and comprises an arm latched portion constituted by a plurality of holes formed along a direction perpendicular to the horizontal base support shaft axis;

wherein the arm member has an arm latching portion comprising a positioning latching portion that is fit into the arm latched portion and determines a position relative to the base member, and an elastic latching portion that has a convex portion at a leading end thereof and is flexibly deformed so that the convex portion is fit inside the arm latched portion and engages therewith, the arm latching portion being latched by the engagement of the convex portion in the arm latched portion; and

wherein the arm member comprises an arm guide portion for releasing latching of the arm latching portion.

19. (Currently amended) An electronic equipment mounting angle varying apparatus, comprising:

a base member mounted at a place where electronic equipment is installed;
a mounting member on which the electronic equipment is mounted, and which is supported by the base member so as to freely swing about a horizontal base support shaft axis; and

an arm member supported by the mounting member so as to freely swing about a mounting member support shaft axis extending horizontally, which sets a mounting angle of the electronic equipment by being latched by the base member; whereby the electronic equipment is mounted at a prescribed angle;

wherein the base member further comprises a falling-out prevention portion for preventing the arm member from coming out; [[and]]

wherein the arm member further comprises an arm pulling-out prevention portion which engages the falling-out prevention portion of the base member; and

wherein the arm member comprises an arm guide portion for releasing latching of [[the]] an arm latching portion.